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EFS ID:	64120
Application ID:	10656306
Title of Invention:	ASYNCHRONOUS HIDDEN REFRESH OF SEMICONDUCTOR MEMORY
First Named Inventor:	Wenliang Chen
Domestic/Foreign Application:	Domestic Application
Filing Date:	2003-09-04
Effective Receipt Date:	2004-07-07
Submission Type:	Information Disclosure Statement
Filing Type:	
Confirmation number:	8205
Attorney Docket Number:	5298-19203
Total Fees Authorized:	180.0
Payment Category:	Deposit Account
Deposit Account Number:	32769
Deposit Account Name:	Kevin L. Daffer
Access Code:	****
RAM Payment Status:	RAM success
RAM User ID:	EFSPROD
RAM Accounting Date:	2004-07-07
RAM Sequence Number:	34

Digital Certificate Holder: cn=Kevin L. Daffer,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US
Certificate Message Digest: 2b488d6b736cf2d7c27f0da13358dae1231c2f0c
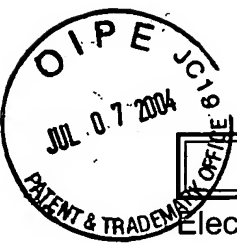
TRANSMITTAL

Electronic Version v1.1
Stylesheet Version v1.1.0

Title of Invention	ASYNCHRONOUS HIDDEN REFRESH OF SEMICONDUCTOR MEMORY

Application Number: 10/656306

Date: 2003-09-04

First Named Applicant: Wenliang Chen

Confirmation Number: 8205

Attorney Docket Number: 5298-19203

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Submitted by:	Elec. Sign.	Sign. Capacity
Kevin L. Daffer Registered Number: 34146	Kevin L. Daffer	Attorney

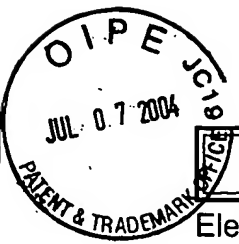| Documents being submitted	Files
us-ids	5298-19203_IDS2-usidst.xml
	us-ids.dtd
	us-ids.xsl
us-fee-sheet	5298-19203_IDS2-usfees.xml
	us-fee-sheet.xsl
	us-fee-sheet.dtd

Comments

FEE TRANSMITTAL

Electronic Version v08
Stylesheet Version v08.0

Title of Invention	ASYNCHRONOUS HIDDEN REFRESH OF SEMICONDUCTOR MEMORY

Application Number: 10/656306

Date: 2003-09-04

First Named Applicant: Wenliang Chen

Attorney Docket Number: 5298-19203

Art Unit: 2824

Examiner: Vu A. Le

TOTAL FEE AUTHORIZED $180

Patent fees are subject to annual revisions on or about October 1st of each year.

BASIC FILING FEE

Fee Description	Fee Code	Amount $	Fee Paid $
Submission Of Information Disclosure Stmt Fee	1806	180	180

AUTHORIZED BILLING INFORMATION

The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit account number: 032769

Access Code ****

Deposit name: Conley Rose, P.C.

Deposit authorized name: Kevin L. Daffer

Signature: Kevin L. Daffer

Date (YYYYMMDD): 2004-07-07

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of Invention	ASYNCHRONOUS HIDDEN REFRESH OF SEMICONDUCTOR MEMORY

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Confirmation Number: 8205

First Named Applicant: Wenliang Chen

Attorney Docket Number: 5298-19203

Art Unit: 2824

Examiner: Vu A. Le

Search string: (6392958 or 6590828).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	6392958	2002-05-21	Lee			
	2	6590828	2003-07-08	Kim			

Signature

Examiner Name	Date